

**AGENDA:** April 22, 2003

**4.6**

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** 2002-03 Annual Slurry Seal Program,  
Project 03-03—Approve Plans and  
Specifications

### **RECOMMENDATION**

Approve plans and specifications for the 2002-03 Annual Slurry Seal Program, Project 03-03, and authorize staff to advertise the project for bids.

### **FISCAL IMPACT**

The 2002-03 Annual Slurry Seal Program, Project 03-03, was approved as part of the 2002-03 Capital Improvement Program (CIP) with a total budget of \$102,000 allocated from the Gas Tax (\$99,000) and CIP Reserve (\$3,000) Funds. The total project cost is estimated at \$100,000.

### **BACKGROUND AND ANALYSIS**

Each year, during the spring and summer months, the Public Works Department undertakes two major street rehabilitation projects—the Annual Slurry Seal Program and the Annual Street Resurfacing Program. These are preventive maintenance projects to reduce deterioration and extend the life of City streets and parking areas. When a street's structural integrity is intact with no excessive cracking, slurry seal is the appropriate method of maintenance. Slurry seal is performed by applying a thin coat of liquid asphalt and fine aggregate mixture to the asphalt surface. As the mixture sets and hardens, it forms a protective surface that seals the original pavement from moisture and oxidation. This work extends the time between the thicker and more expensive asphalt street resurfacing and reduces the overall cost of maintenance. A slurry seal treatment costs approximately one-seventh of the cost of 1" thick asphalt resurfacing.

Under the City's pavement maintenance program, the slurry seal treatment is done on nonarterial streets at approximately 8- to 10-year intervals, while the thicker asphalt resurfacing is done on all streets at approximately 15- to 20-year intervals. After a field review of the streets by the Public Works Department and a review of the City's Pavement Management System database, the streets on the attached list were selected for the slurry seal treatment (Attachment 1).

The estimated cost of the 2002-03 Annual Slurry Seal Program, Project 03-03, is as follows:

Construction (including \$5,000 construction contingency)	\$82,000
City Design Services	6,000
Inspection and Testing	<u>6,000</u>

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Subtotal	\$94,000
City Administration @ 6.5%	<u>6,000</u>
TOTAL	<u>\$100,000</u>

Staff expects construction to be completed by the end of July 2003.

In accordance with the requirements of CEQA, this project has been determined to be categorically exempt as a Class 1 exemption. The project consists of maintenance of existing streets and does not expand the use beyond that previously existing.

**PUBLIC NOTICING**—Agenda posting.

Prepared by:

Approved by:

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AW/6/CAM  
784-04-22-03M^

Attachment: 1. Slurry Seal List

cc: APWD—Russell, PCE—Le, SLCM, ACE—Wong, APWD—Ko, DE, AE—Zarghampour, File (Project 03-03), Chron (PW), Chron (EEC)